



SEQUENCE LISTING

<110> Mirkin, Chad A.
Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-713-i13

<140> 09/975,384
<141> 2001-10-11

<150> 09/603,830
<151> 2000-06-26

<150> 09/344,667
<151> 1999-06-25

<150> 09/240,755
<151> 1999-01-29

<150> PCT/US97/12783
<151> 1997-07-21

<150> 60/031,809
<151> 1996-07-29

<150> 60/200,161
<151> 2000-04-26

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synthetic sequence

<400> 1
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20

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synthetic sequence

<400> 2
atggcaacta tacgcctag 20

<210> 3
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ccttgagatt tccctc 16

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gagggaaatc tcaagg 16

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aacttgcgt aatggcga 18

<210> 6
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synthetic sequence

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aagttgcgct ttacggctaa tggcga	26
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tctccccc ttttc	15
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gaaaaggaa ggaga	15
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ctttccctt cctct	15
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cctatcgacc atgct 15

<210> 13
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<400> 13
agcatggtcg ataggaaacg actcttagcgc 30

<210> 14
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gcgctagagt cgttt 15

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synthetic sequence

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agcatggtcg ataggatggc aactatacgc 30

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gtcgatagga aacgactcta gcgc 24

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agcatggtg atagggaaacg actcttagcgc 30

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tctcaactcg ta 12

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cgcatcagg at 12

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tacgagttga gagagtgcac acat 24

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tacgagttga gaatcctgaa tgcg 24

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<210> 24
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synthetic sequence

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tacgagttga gactcctgaa tgcg 24

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synthetic sequence

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<210> 26
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<210> 27
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synthetic sequence

<400> 28
taggacttac gc 12

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<400> 29
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<210> 30
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<220>
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<400> 30
tgcatgattg cctcggttta acgg 24

<210> 31
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atccctgaatg cg 72

<210> 32
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<400> 32
gttgtccgtt aagcgtccaa tatatgcattt attgcctcgtt cttaacgg 48

<210> 33
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<400> 33
tctcaactcg ta 12

<210> 34
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<400> 34
tacgagttga gaatcctgaa tgcg 24

<210> 35
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<400> 35
cgcatcagg at 12

<210> 36
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<400> 36
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attattgtta aatattgata aggatataag aaaaatatta tccagggtta tatttagaa 120
atngaagata ctgaaggct t 141

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synthetic sequence

<400> 37
taacaataat ccctc 15

<210> 38
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synthetic sequence

<400> 38
atccttatca atatt 15

<210> 39
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synthetic sequence

<400> 39
tgaggcctcct taactactga ctcatccgccc 30

<210> 40
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synthetic sequence

<400> 40
tgttgacgaa ttaattactt ctcta 25

<210> 41
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synthetic sequence

<400> 41
tataaccctg gataatattt ttcttat 27

<210> 42
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<213> Artificial Sequence

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aagcccttca gtatcttcaa tttctacaa 29

<210> 43
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<400> 43
tctcaactcg taaaaaaaaaa aa 22

<210> 44
<211> 24
<212> DNA
<213> Artificial Sequence

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<400> 44
tacgagttga gaatcctgaa tgcg 24

<210> 45
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<212> DNA
<213> Artificial Sequence

<220>
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<400> 45
aaaaaaaaaaa cgcattcagg at 22

<210> 46
<211> 22
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synthetic sequence

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<211> 22
<212> DNA
<213> Artificial Sequence

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synthetic sequence

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aaaaaaaaaaa cgcattcagg at 22

<210> 48
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synthetic sequence

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tacgagttga gaatcctgaa tgcg 24

<210> 49
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synthetic sequence

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ctacttagat ccgagtgcc acat 24

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synthetic sequence

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cgcattcagg at 12

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aaaaaaaaaa aaaaaaaaaa cgcattcagg at 32

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<210> 53
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<220>
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<400> 53
atcctgaatg cg 12

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atcctgaatg cg 12

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<211> 20
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aaaaaaaaaaa aaaaaaaaaaa 20

<210> 56
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<400> 56
ggattattgt taattattga taaggat 27

<210> 57
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taacaatnat cc 12

<210> 58
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<400> 58
atccttatca atatt 15

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tctcaactcg ta 12

<210> 60
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tacgagttga gaatcctgaa tgcg 24

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<400> 61
gcgttaagtcc taacgtacta acggagcaga attgccagag ttgagcat 48

<210> 62
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<220>
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gcgttaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

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<210> 64
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synthetic sequence

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48